

POLYPEPTIDE WITH 46 DALTON HMFG DIFFERENTIATION  
ANTIGEN BINDING SPECIFICITY AND CLOTTING FACTORS  
V AND VIII LIGHT-CHAIN HOMOLOGIES, FUSION PROTEIN,  
POLYNUCLEOTIDE, AND POLYRIBONUCLEOTIDE ENCODING  
THE POLYPEPTIDE, ANTI-POLYPEPTIDE  
ANTIBODIES, KITS, AND METHODS OF USE THEREOF

Abstract of the Disclosure

A polypeptide has the antibody binding activity of the 46K dalton HMFG differentiation antigen and/or homology to at least one of the light chains of clotting factors V and VIII and is also provided as a fusion protein with a second antigenic polypeptide. An antibody has affinity for the polypeptide of the invention or a functional fragment thereof. in vivo and in vitro methods for therapy vaccination and detecting the presence of the polypeptide, the antibody, the DNA and RNA of the invention are provided. DNA and RNA sequences encode the polypeptide of the invention or fragments thereof and immunoassay kits comprise the antibodies and/or polypeptides of the invention.